



Weekly Construction Report

Hatchery Creek Design/Build Project



Time Period:	December 1-6, 2014	Project No:	1305
Rain Days/Weather Conditions:	Rained 0.5" from Monday-Tuesday and rained over 0.75" Thursday-Friday (Burkesville gauge).		
Personnel on-site:	<i>EcoGro/Ridgewater:</i> Tony Berry, Tom Cutter, Eric Dawalt, Brad Redmon, & Chad Relinski. <i>Stantec:</i> Oakes Routt on Wednesday for tour and Monthly Progress Meeting.		
Equipment on-site:	Komatsu PC 160 w/ hyd. thumb, PC 360 w/ hyd. thumb, Terex TA27 articulating dump truck, Bobcat T300 skid steer, & Morooka 2200 VD Tracked Dump Truck		
Material deliveries to project site:	<ul style="list-style-type: none"> ~800 tons of 18"-24"+ rock for step pool construction. 		
Work performed the past week:	<ul style="list-style-type: none"> Did not work Monday, Tuesday afternoon, Friday or Saturday due to rain. Sloped the banks along the ravine rock spillway. Constructed ~ 500' of braided channel: <ul style="list-style-type: none"> Excavated and finished (except for installation of spawning gravel) RT and Center braids from ~ Sta. 110+30 to 112+50. Installed cross valley grade control (ribs) between RT and Center braids. Excavated LT braid from ~ Sta. 110+40 to 111+00. Worked on building floodplain berm with excavated soil from ~Sta. 207+00 to 211+00. 		
Erosion & sediment controls installed/maintained:	<ul style="list-style-type: none"> Constructed plunge pool in ravine is serving as a sediment basin. Installed coir wattles along toe of river bank at Site #3. 		
Work scheduled for next week:	<ul style="list-style-type: none"> Finish constructing braided channel from ~Sta. 110+00 to 113+00. Continue building Floodplain Berm to allow finishing construction of ravine rock spillway ~LT Sta. 106+00 to 106+60. Finish rock spillway in ravine stream crossing ~LT Sta. 106+00 to 106+60 up to elevation 587.6'. Start building confluence bar downstream of bridge. 		
Work planned for two weeks ahead:	<ul style="list-style-type: none"> Construct channel from ~Sta. 113+00 to 116+00. Install 2' layer of rock in excavated channel from Sta. 158+00 to 160+40 as soon as possible after the channel is excavated by Aspen Construction, in order to stabilize the 1H:1V cut slopes. Fill sinkhole in ravine with rock up to bedrock step elevation and then add a layer of geotextile and compacted clay (If weather allows). 		
General Comments:	<ul style="list-style-type: none"> Aspen Construction, the USACE excavation contractor, is planning to excavate the soil from Site #3 below normal river water surface elevation (Sta. 158+00 to 160+40) from Tuesday (12/9) to Thursday (12/11). The Corps is planning a special operation low flow dam release during that time if weather conditions permit. EcoGro/Ridgewater has requested a special operation low flow dam release from Monday (12/15) – Friday (12/19) from the Corps. The rain may prevent the Corps from being able to have a low flow dam release over the next few weeks. 		
Prepared by: Eric Dawalt, P.E.	Date: 12-6-14		



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Pictures from the past week's construction:



Banks were sloped and graded along ravine rock spillway channel . (Photograph taken from ~180LT of Sta. 105+60 looking upstream in ravine)



Excavating braided channel through existing forest (Photograph taken at ~Sta. 111+20 Center Braid).



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Constructing riffle in braided channel through existing forest (Photograph taken at ~Sta. 110+39 Center Braid).



Constructed side channel scalloped bank with log vane structure on RT braid at ~ Sta. 111+00.



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Excavating for cross valley grade control (rib) perpendicular to stream. Excavated area for riffle is in foreground (Photograph taken from Center braid at Sta.112+00 looking RT).



Hauling in rock for riffle and cross valley grade control (rib). Excavated area for rib is in foreground (Photograph taken from Center braid at Sta.112+00 looking LT).